

YALNSKAYA, N.S.

Population of Ciscarpathian fish ponds and measures for its  
enrichment. Nauk. zap. UzhGU 40:319-326 '59. (MIRA 14:4)

1. L'vovskiy gosudarstvennyy universitet.  
(Carpathian Mountain region--Fish ponds)

YALOMITSYANU, Mircha[Jalomicianu, M.]; DUVAN, Kseniya[Duvan, X.];  
STERESKU, Petre[Sterescu, P.]; TEYKA, T.[Tejca, T.] (Bukharest)

Comparative viscosimetry of the blood serum and plasma as a  
rapid diagnostic test in epidemic hepatitis. Terap. 34 no.1:  
76-79 '62. (MIRA 15:7)

(HEPATITIS, INFECTIOUS) (VISCOSIMETRY)  
(BLOOD--EXAMINATION)

YALON, N.I. (Leningrad)

Calculating the elasticity of thin-walled pipes. Stroi.  
mekh.i rasch.soor. 2 no.1:48 '60. (MIRA 13:6)  
(Pipe)

MULLER, R.A., kand.tekhn.nauk; YALON, N.I., inzh.

Designing tower-type structures over mines. Prom. stroi. 40  
no.3:39-41 '62. (MIR<sup>a</sup> 15:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy marksheyderskiy institut  
(for Muller).
2. Teploproyekt (for Yalon).  
(Chimneys)

YALOV, F.I., inzh.

Thermal stresses in large blocks during their treatment in  
autoclaves. Stroi. prom. 36 no. 7:37-39 J1 '58. (MIRA 11:8)  
(Concrete blocks)  
(Autoclaves)

YALOV, F. I., Cand Tech Sci -- (diss) "Walls of civic buildings from natural stone for the petroleum rayonny /regions/ of the Tatar ASSR." Moscow, 1960. 18 pp; (Ministry of Higher and Secondary Specialist Education RSFSR, Moscow Order of Labor Red Banner Construction Engineering Inst im V. V. Kuybyshev); 150 copies; price not given; (KL, 26-60, 140)

YALOVA, G. Ya., inzh.

Chemical cleaning of boilers before their start. Inorg.  
stroil. no. 38:80-84 '64. (MIRA 17:10)

1. Gosudarstvennyy treat po organizatsii i ratsionalizatsii  
rayonnykh elektrostantsiy i setey.

ROSINSKIY, N.L., kand.tekhn.nauk; YALOVAYA, N.D., inzh.; PENKIN, P.I.,  
inzh.

Electric detonator not igniting methane-air mixture. Bezop.  
truda v prom . 3 no.10:30-31 0 '59. (MIRA 13:2)

1. Makoyevskiy nauchno-issledovatel'skiy insitut po bezopas-  
nosti rabot v gornoy promyshlennosti.  
(Detonators)

ROSINSKIY, N.I.; ~~YALOVAYA, N.D.~~; PENKIN, P.I.

New methane explosionproof electric detonator. Trudy MakNII  
10:232-235 '60. (MIRA 15:10)  
(Blasting—Equipment and supplies)

YALOVAYA, N. I.

YALOVAYA, N. I.: "On the problem of regulating the blood condition of agricultural animals". Sverdlovsk, 1955. Min Higher Education USSR, Ural State U imeni A. M. Gor'kiy, Chair of Human and Animal Physiology. (Dissertation for the Degree of Candidate of Science of Biological Sciences)

SO: Knizhnaya Letopis', No. 41, 8 Oct 55

*N. I. Yalovaya*  
USSR / Farm Animals, General Problems

Q-1

Abs Jour: Ref Zhur-Biologiya, No 2, 1958. 7116

Author : V. I. Patrushev, A. V. Polukhina, N. I. Yalovaya,  
R. N. Oleneva, I. V. Pavlova, T. I. Batuyeva,  
D. Popovich, Yu. Paryshkin

Inst : West Ural University

Title : The Physiological Basis of Increased Productivity  
of Farm Animals

Orig Pub: Uch. zap. Ural'skogo un-ta, 1957, vyp. 15, 3-30

Abstract: Experiments made on calves which were raised on rations with a low, average, and high content of proteins, revealed a better digestion of proteins, nitrogen-free extracts and carotin, in animals which had received more proteins in their rations. It was also revealed that the stimulation of secretion of gastro intestinal juices

Card 1/3

essential functions --  
functional changes were observed as well in  
large horned cattle when kept on pasturage

Card 2/3

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962020014-6"

1

USSR / Farm Animals, General Problems

Q-1

Abs Jour: Ref Zhur-Biologiya, No 2, 1958. 7116

Abstract: grounds. Under these conditions the passage of food through their gastro intestinal tract was accelerated to almost double the usual time. A paradox was observed: a marked low rate of metabolism and a decrease of blood circulation when physical strain was imposed on cows (such as the placing of a sand bag weighing 10-20 percent of the body weight on the shoulders of a cow standing in a stall). Productive, choice cows showed a higher oxygen content in their blood.

EXCERPTA MEDICA Sec 17 Vol 5/3 Public Health Mar 59

953. EYE INJURIES AMONG THE FARMING POPULATION OF THE LENIN-GRAD AREA (Russian text) - Yalovaya-Nevinskaya T.A. - TRUDY PROFIL. RAB. I MED. OBSL. NAS. LEN. OBLASTI 1956, 1 (41-45)

The proportion of agricultural eye injuries among the population of the area is relatively high. A study of the causes of this has shown that agricultural injuries principally affect metal workers in workshops during repairs to machinery, and much more rarely workers in the fields. In recent years fewer cases of injury to the eye from corn barbs have been observed. The gravity of the outcome of eye injuries depends not only on the gravity of the wound but also on the timely rendering of first aid, and further on the length of the patients' stay in hospital. The high proportion of enucleations is referable to neglected cases where there was extreme delay in referring the patient to hospital. Among defects in this sphere, the author lists inadequate out-patient care for the rural population, non-observance of the safety regulations and lack of health propaganda work on the prevention of injuries to the eyes.

(5)

YALOVEGA, N.V., inzh.

Use of electronic level indicators in the woodworking industry.  
Der.prom. 9 no.7:17-19 J1 '60. (MIRA 13:7)

1. Moskovskiy mebel'no-sbornochnyy kombinat No.1.  
(Liquid level indicators)

! 38-987-66 ENT(d)/ENT(1)/ENT(m)/ENT(w)/ENT(v)/1-2/ENT(u)/ENT(s) LJP(L) CM/WH/N/DG  
 ACC NR: AP6024257 SOURCE CODE: UR/0193/66/000/005/0041/0042

AUTHOR: Yalovega, N. V.; Kvaskov, A. N.

ORG: none

TITLE: Asynchronous liquid metal pump<sup>3</sup>

SOURCE: Byul tekhn-ekon inform, no. 5, 1966, 41-42<sup>20</sup>

TOPIC TAGS: liquid metal pump, current carrier

ABSTRACT: A linear type of asynchronous liquid metal pump<sup>112</sup>, developed by the Moscow Aviation Institute im. S. Ordzhonikidze, is briefly described. The pump has the main advantage of induction pumps, i.e., their contactless feature. In operation, the asynchronous pump does not differ from the conduction pump. However, the role of current carrying busbars is played here by the liquid metal. The accompanying figure shows a cross section of the pump. Linear channel 1 of the pump has a transverse, hermetic grommet 2 not in galvanic contact with the liquid metal. Its surface is coated with thermally insulating layer 3. Magnetic circuit of power transformer 4 passes through the grommet. The primary winding of transformer 5 is fed a-c voltage. Geometrical dimensions of the channel are chosen taking into account the density of the current flowing through the liquid metal. The

Card 1/2

UDC: 621.65 : 621.746.2

L 38387-66

ACC NR: AP6024257

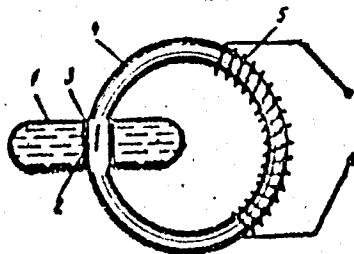


Fig. 1. Cross section of the asynchronous pump

optimum coupling of parameters occurs when the transverse excitation current and the secondary current in the liquid metal are in phase. The main technical characteristics of the pump include: capacity, 2.3 l/sec; static pressure, 0.4 kg/cm; hydraulic efficiency, 10.4%, and weight, 10.5 kg. Orig. art. has: 1 figure. [JR]

SUB CODE: 13/ SUBM DATE: none/ ATD PRESS: 5042

Card 2/27/LP

L 41095-66 EWT(d)/EWT(1) /EWT(m)/ENP(k)/T/FSS-2/ENP(w)/ENP(f)/ENP(v)/ENP(t)/ETI

ACC NR: AP6027206

SOURCE CODE: UR/0193/66/000/006/0037/0038

IJP(c) TT/EM/WW/JD/JG/DV/JT  
AUTHOR: Yalovega, N. V.; Kvaskov, A. N.

ORG: none\*

TITLE: Electromagnetic flow meter for liquid metals <sup>16</sup>

SOURCE: Byulleten' tekhniko-ekonomicheskoy informatsii, no. 6,  
1966, 37-38

TOPIC TAGS: flow meter, ~~electromagnetic flow meter~~, liquid metal,  
~~liquid metal flow meter~~, liquid metal flow ELECTROMAGNETISM

ABSTRACT: An electromagnetic flow meter <sup>25</sup> for liquid metals has been developed at the Moscow Aviation Institute. The flow meter is intended for use in the alkali metal industry, metallurgical and power industry, and in various purpose hydraulic systems. The sensing elements of the meter never come into contact with the liquid metal. The meter is of simple design, is highly sensitive, and with some modification can be used in automatic control systems of power plants operating under widely varying thermal conditions. Orig. art. has: 1 figure. [DV]

SUB CODE: 13, 18, 14/ SUBM DATE: none/ ATD PRESS: 5055

Card 1/1 hs

UDC: 681.121.082.7

YALOVENKO, D., inzhener.

Grinding machine. Stroitel' no.7:22 J1 '57.  
(Grinding machines)

(MLRA 10:9)

TIMOFEYEV, V.I.; YALOVENKO, F.I.

Economic efficiency of the use of the T-4 tractor. Biul.tekh.-ekon.  
inform.Gos.nauch.-issl.inst.nauch.i tekhn.inform. 18 no.4:48-50 Ap  
1965.  
(MIRA 18:6)

YALOVENKO, P.I., kand. tekhn. nauk

Conference at the Lipetsk Tractor Plant. Trakt. i sel'khoz mash.  
no.6:3 of cover Je '65. (MIRA 18:7)

1. Gosudarstvennyy soyuznyy nauchno-issledovatel'skiy traktorny institut.

YALOVENKO, F.I., kand. ekonom. nauk

Economic efficiency of the use of tractors. Trakt. i sel'khozmasb.  
33 no.11:4-7 N '63. (MIRA 17:9)

1. Gosudarstvennyy soyuznyy nauchno-issledovatel'skiy traktorny  
institut.

YALOVENKO, Fedor Ivanovich; KRYUKOV, V.L., redaktor; VOL'FOVSKAYA, V.N.,  
redaktor; GUREVICH, M.M., tekhnicheskij redaktor

[Maintenance work on a round-the-year schedule] Remont po kruglo-  
godovomu grafiku. Moskva, Gos.izd-vo selkhoz. lit-ry, 1955. 31 p.  
(MIRA 9:3)

(Agricultural machinery--Repairing)

YALOVENKO, Fedor Ivanovich; GAVRILOV, Lev Gavrilovich

[Economics and organization of fruit culture and viticulture]  
Ekonomika i organizatsiia sadovodstva i vinogradarstva. Moskva,  
Gos.izd-vo sel'khoz.lit-ry, 1959. 378 p. (MIRA 13:3)  
(Fruit culture) (Viticulture)

YALOVENKO, F.I., dotsent

Working in two shifts is an important measure in increasing the  
productivity of tractors. Mekh. sil'.hosp. 12 no.7:19-21 J1 '61.  
(MIRA 14:6)

1. Odesskiy kreditno-ekonomicheskii institut.  
(Collective farms--Management)  
(Tractors)

YALOVENKO, F.I., kand. ekonom. nauk

Economic effectiveness of the use of the T-4 tractor. Trakt.  
i sel'khoz mash. no. 6:7-9 Je'64 (MIRA 17:7)

1. Gosudarstvennyy soyuznyy nauchno-issledovatel'skiy traktor-  
nyy institut.

PASECHNIKOV, N.S., kand. tekhn. nauk; BEL'SKIKH, V.I., kand. tekhn. nauk; YALOVENKO, F.I., kand. tekhn. nauk; KASPEROVICH, V.V., inzh.; VAS'KOVSKIY, S.Ye., red.; GRISHIN, L.V., red.

[Technology of the maintenance of the "Belarus" tractors]  
Tekhnologiya tekhnicheskogo ukhoda za traktora-mi "Belarus'," Moskva, Biuro tekhn. informatsii, GOSNITI, 1964. 298 p.  
(MIRA 18:4)

1. Perovo. Gosudarstvennyy vsesoyuznyy nauchno-issledovatel'skiy tekhnologicheskii institut remonta i ekspluatatsii mashinno-traktornogo parka.
2. Gosudarstvennyy vsesoyuznyy nauchno-issledovatel'skiy tekhnologicheskii institut remonta i ekspluatatsii mashinno-traktornogo parka (for Pasechnikov, Bel'skikh, Vas'kovskiy).
3. Gosudarstvennyy soyuznyy nauchno-issledovatel'skiy traktorny institut (for Yalovenko).
4. Minskiy traktorny zavod (for Kasperovich).

GUBKO, I.T.; SI OV, I.D.; KOSTOMAROV, M.I.; YALOVENKO, G.I.

Dust removal during the manufacture of dinas brick and making use  
of the trapped dust. Ogneupory 29 no.9:385-387 '64. (MIRA 17:10)

1. Pervoural'skiy dinasovyy zavod.

YALOVENKO, L.

Automatic concrete plant. Nauka i zhyttia 11 no.2:18-19 F '62.  
(MIRA 15:3)

(Automation) (Concrete plants)

YALOVENKO, M., inzh.-entomolog

Disinfection of grain with methyl bromide in winter. Muk.-elev.  
prom. 27 no.10:22 O '61. (MIRA 14:12)

1. Khersonskoye upravleniye zagotovok.  
(Grain--Disease and pests)  
(Methane)

YALOVENKO, V.T.

1. ZOTKIN, I.I.; YALOVENKO, V.T.

2. USSR (600)

4. Viticulture

7. Systematic improvement of scientific practices in agriculture. Vin.SSSR 12 no.10, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January 1953, Unclassified.

Konstantinov, V.G., Candidate of Technical Sciences, High-Ministry  
constructor APPLICATOR for the Control of Electric Machine Emulation

BARYBIN, Yu.G.; YALOVETSKIY, M.I.

Remote control circuit for outdoor lighting. Prom.energ. 16 no.6:  
25-26 Je '61. (MIRA 15:1)  
(Electric lighting) (Remote control)

BARYBIN, Yu.G., inzh.; YALOVETSKIY, M.I.

Block device for controlling production line systems. Prom.energ.  
17 no.7:32-35 J1 '62. (MIRA 15:7)  
(Automatic control) (Assembly-line methods)

YALOVIK, Aleksandr Vladimirovich

[Principles for planning mechanized work in agriculture]  
Osnovy planirovaniia mekhanizirovannykh rabot v zemledelii.  
Minsk, Urozhai, 1964. 132 p. (MIRA 18:10)

L 45250-86 T JK

ACC NR: AP6033592

SOURCE CODE: RU/0023/65/010/004/0361/0364

AUTHOR: Athanasiu, Pierrette--Atanasiu, P. (Doctor); Ialomiteanu, M.--  
Yalomitsyanu, M. (Doctor); Petrescu, Al.--Petresku, A. (Doctor); Sferdian, O. (Doctor)

ORG: Institute of Inframicrobiology, RSR Academy (Institutul de inframicrobiologie  
al Academiei R.S.R.)

TITLE: Study of urinary mucoproteins -- the Donaggio test -- in the course of acute  
viral hepatitis

SOURCE: Microbiologia, parazitologia si epidemiologia, v. 10, no. 4, 1965, 361-364

TOPIC TAGS: protein, virus disease, hepatitis, urology

ABSTRACT: The authors show that the percentage of positive tests as well as the  
intensity of the concentration of mucoproteins in the urin of patients suffering  
from acute viral hepatitis, chronic hepatitis, obstructive jaundice and biliary  
dyskinesia is higher when the disease is more serious. It is suggested that this  
may also be due to pathologic changes in the kidneys during these diseases.  
[Based on authors' Eng. abst.] [JPRS: 32,913]

SUB CODE: 06 / SUBM DATE: 09Sep64 / OTH REF: 008

Card 1/1

UDC: 616.36-002.12:616.633.963-072.85

0920 1635

YALOVITSYN, M. V.

"Bacteriostatic and bactericide properties of the tissue preparation",  
(Student, Microbiology Department), Collected Works No. 14, of Leningrad Veterinary  
Institute USSR Ministry of Agriculture, P 255, Sel'khozgiz, 1954.

USSR/Farm Animals. Honeybee.

Q

Abs Jour: Ref Zhur-Biol., No 17, 1958, 78848.

Author : Yalovitsky, M. V.

Inst : Leningrad Institute for the Advanced Training  
of Veterinary Physicians.

Title : Comparative Evaluation of Different Methods of  
Diagnosis of European and American Foul Brood.

Orig Pub: Sb. nauch. tr. Leningr. in-t usoversh. vet. vrachey,  
1957, vyp. II, 142-148.

Abstract: Bacterioscopic and bacteriological methods and  
reaction of agglutination and thermoprecipitation  
are compared.

Card : 1/1

YALOVITSYN, M.V., Cand Veterin Sci --(diss) "Comparative evaluation of ~~the~~ bacterioscopic, bacteriologic and serologic methods of the diagnosis of ~~the~~ European and American *faul brood [Bee larvae]* of *bees*" Leningrad, 1958. 14 pp. (Leningrad Veter Institute of the Ministry of Agriculture USSR). 100 copies. (KL, 32-58, 107).

*faul brood [Bee larvae]*

34

VALOVITSYN, M. V.

"Diagnostics of European and American foul brood."

Veterinariya, Vol. 37, No. 10, 1960, p. 73

Caus. Vet. Sci. - Biol. Inst., Siberian <sup>Section</sup> ~~Section~~ A N, SSSR

YALOVITSYN, M.V.

Antibiotics for possible future treatment of American foul brood.  
Trudy Inst.mikrobiol.1 virus.AN Kazkah.SSR 6:94-99 '62. (MIRA 15:8)

(FOUL BROOD, AMERICAN) (ANTIBIOTICS)

YALOVITSYN, M.V.

Virulence of some entomopathogenic bacilli to tent caterpillars.  
Trudy Inst.mikrobiol.i virus.AN Kazkah.SSR 6:223-226 '62.  
(MIRA 15:8)  
(TENT CATERPILLARS---BIOLOGICAL CONTROL) (BACTERIA, PATHOGENIC)

YALOVITSYN, M.V.

Serological diagnosis of septicemia in tent caterpillars and  
serological identification of Bac. dendrolimus. Trudy Inst.  
mikrobiol. i virus. AN Kazkah. SSR 6:227-231 '62. (MIRA 15:8)  
(TENT CATERPILLARS—BIOLOGICAL CONTROL) (BACTERIA, PATHOGENIC)  
(SERUM DIAGNOSIS)

YALOVITSYN, M.V.

Serologic identification of entomopathogenic bacilli. Trudy  
Inst. mikrobiol. i virus. AM Kazakh. SSR 7:228-234 '63  
(MIRA 16:12)

YALOVITSYN, M.V.; USHAKOV, K.P.

Preparation of hyperimmune serums for the diagnosis of some  
insect bacterioses. Trudy Inst. mikrobiol. i virus. AM  
Kazakh. SSR 7 :235-242 '63 (MIRA 16:12)

YALOVITSYN, M.V.

Effect of bee venom, honey, beebread and propolis on the  
activity of antibiotics and sulfanilamides. Trudy Inst.  
mikrobiol. i virus. AN Kazakh. SSR. 8:156-161 '65.  
(MIRA 18:11)

YALOVAY, D.S.

130-58-4-4/20  
**AUTHORS:** Omprylenko, V.P., Candidate of Technical Sciences,  
 Starshinov, A.M., Candidate of Technical Sciences,  
 Metreby, P.G., Yalovay, D.S., Babitskiy, G.B., Engineers  
**TITLE:** Blast-furnace Operation at a Top Pressure of Over 1  
 Atmosphere (Gauge) (Rukovodstvo po upravleniyu  
 koksnykh i gazovyykh pichy pri davlenii  
 Priblizhenno 1 atm)

**PERIODICAL:** Metallurg, 1956, Nr 4, p. 6 (USSR).

**ABSTRACT:** The authors give operating data for Nr 3 blast furnace  
 at the Krivorohtal' Works melting pig iron (2.3 - 2.75% Si)  
 from a burden containing 96.7 - 100% sinter and 55.03 - 55.81  
 % Fe for a period (March - October, 1956) when the top  
 pressure was changed monthly in the range 0.46 - 1.13 atm  
 (gauge). After allowing for the changing iron content of the  
 burden, the authors conclude that raising top pressure from  
 0.46 - 0.71 atm (gauge) leads to an increase in  
 furnace productivity of 4 - 7% and a decrease in coke rate of  
 5 - 5%. The pressure through the furnace and flue-dust  
 production decreased with increasing top pressure. With  
 increased top pressure, the furnace tended to work up the  
 walls and the coke charge was reduced from 6.3 - 6.45 to  
 5.6 tons, the charging cycles COOLCH and COOLCH being  
 Card 1/2 adopted. There is 1 table.

**ASSOCIATIONS:** Ukrainskiy Institut metallov (Ukrainian Institute  
 of Metals) and zavod "Krivorohtal'" (Krivorohtal' Works)

Card 2/2

SOV/133-59-9-2/31

AUTHORS: Ryazanov, F.F., Netrebko, P.G., Pokryshkin, V.L.  
Yalovoy, D.S., Brusov, L.P. and Rabinovich, G.D.

TITLE: Mastering of a High Capacity Blast Furnace

PERIODICAL: Stal', 1959, Nr 9, pp 770-775 (USSR)

ABSTRACT: In September 1958, the largest furnace in the USSR (and Western Europe) was blown in, its working volume 1719 m<sup>3</sup>. The profile and main dimensions of the furnace are shown in Fig 1. The blast is heated in 4 stoves of 27135 m<sup>2</sup> heating area each, allowing a blast temperature of 1000 - 1050°C to be maintained. The blast is supplied by a blower of a capacity of 4000 m<sup>3</sup>/min at 3.8 atm abs. The furnace was operating with about 85% of fluxed sinter (basicity 0.8 - 1.0) containing 40-45% of fines 0 - 12 mm) and a high top pressure of 1.25 to 1.40 atm. Changes in the output, ore load and blast volume during the first months of operation are shown in Fig 2. Furnace operating data for subsequent operation (up to the end of 1958) are given in table 1 and analyses of iron and slag in Table 3. During December 1958, the average daily output of the furnace rose to 2231 tons (7 casts per day) at a coke rate of 749.6 kg/ton and slag volume of 882.5 kg/ton

Card 1/3

2

SOV/133-59-9-2/31

Mastering of a High Capacity Blast Furnace

(slag basicity 1.26). It was found that the furnace was very sensitive to the degree of filling of the hearth with liquid products (Fig 3). Any retardation in the casting or removal of slag considerably decreases the rate of descent of burden materials. Changes in the composition of the gas phase along the hearth radius (tuyere level) - Fig 4, changes in the CO<sub>2</sub> content of the top gas along the throat radius - Fig 5; operating conditions and material balances for two operating periods - table 3. From the operating experience gained it is concluded that large furnaces can operate efficiently at large outputs. An increase in the sinter basicity of 0.1 increases the output of the furnace by 1.2%. Some deterioration in the size distribution of sinter caused by an increase in basicity did not cause any noticeable deterioration in the furnace operation. An increase in the blast volume of 100 m<sup>3</sup>/min increases the output by 1.3%. The depth of the combustion zone in the furnace was found to be about 1200 mm which for a furnace of 9100 mm diameter is insufficient and some measures should be taken to increase it. An increase in

Card 2/3

SOV/133-59-9-2/31

Mastering of a High Capacity Blast Furnace

the blast temperature from 840° to 970°C and the moisture content from 30 to 40 g/m<sup>3</sup> decreased the coke consumption by 2.6% and increased the output by 3.7%. Whereupon the utilization of carbon monoxide for reduction increased from 39 to 41%, the degree of direct reduction somewhat increased and the participation of hydrogen in the reduction amounted to about 69%. The following deficiencies in the furnace design are listed: a) blast main with three 90° bends which lead to an increase in the pressure drop; b) lack of balance between the capacity of the scale car and skips which causes some difficulties in the furnace charging (not specified) and c) the positioning of tunnels for power cables and water mains in places where, in case of a break out, the penetration of liquid iron is possible. There are 5 figures and 3 tables.

Card 3/3

STALSHINOV, B.N., kand.tekhn.nauk; ONOPRIYENKO, V.P., kand.tekhn.nauk;  
POKHRYSHKIN, V.I., kand.tekhn.nauk; NETREBKO, P.G., inzh.;  
YALOVY, D.S., inzh.

Slag formation during blast-furnace smelting with fluxed  
sinter. Stal' 20 no.8:673-680 Ag '60. (MIRA 13:7)

(Blast furnaces) (Slag)

POSH, Ya.; SUI, OTIN, A.; YANAYEV, G., inzh.; ZINGER, Z.

Readers' letters. NTS 3 no.11:63 N '61. (MIR: 14:10)

1. Predsedatel' soveta nauchno-tekhnicheskogo obshchestva Kuznetskoy obuvnoy fabriki Penzenskogo sovnaarkhoza (for ...)
  2. Zamestitel' predsedatelya Latviyskogo pravleniya Nauchno-tekhnicheskogo obshchestva sel'skogo i lesnogo khozyaystva (for Subbotin).
  3. Predsedatel' oblastnogo pravleniya Nauchno-tekhnicheskogo obshchestva gorodskogo khozyaystva i avtotransporta (for Zinger).
- (Research, Industrial)

ACC NR: AP6017554 (A,N) SOURCE CODE: UR/0401/66/000/001/0010/0011

AUTHOR: Yalovoy, G. (Lieutenant colonel; Battalion commander)

ORG: none

TITLE: With a hand grenade against the tank

SOURCE: Starshina-serzhant, no. 1, 1966, 10-11

TOPIC TAGS: grenade, antitank bomb, military tank, ordnance, ammunition, ground force tactic, ground force training, field exercise

ABSTRACT: The process of training foot troops to fight against tanks with hand grenades is described. A field exercise is conducted under simulated combat conditions in which the trainees are protected from an advancing tank by a specially arranged training trench. The trench is about 150 cm deep and 30 m long. The walls of its 10m middle section are reinforced and lined with fascines or timber boards. A shelter is provided at each end of the trench. A schematic plan of the trench arranged for two prone trainees is presented. The middle trench section is used for tank crossings. The first preliminary stage of training includes the study of tank structure and its vulnerable parts. The trainees are informed that they can not be hit by tank fire at close range (100 m and less). The second stage covers practical exercises in order to make trainees accustomed to use trenches as a protection against tank. During the

Card 1/2

ACC NR: AP6017554

third stage, the trainees are trained to throw training grenades at the tank immediately after its crossing. Various aspects of these three stages are examined and discussed including the safety measures to be taken during the crossing operation. A 4-hour training schedule is presented along with various training equipment. Orig. art. has: 2 figures.

SUB CODE: 15, 19/ SUBM DATE: none

Card 2/2

L 15703-63

EWT(1)/EWT(2)/EDS/ES(w)-2

AFTC/ASD/ESD-3/AFWL/SSD

Feb-4

LJP(C)

ACCESSION NR: AP3004880

S/0120/63/000/004/0019/0021

72  
66

AUTHOR: My\*znikov, K. P. ; Yalovoy, I. N.

TITLE: Beam extraction in a proton synchrotron by generating an azimuthal asymmetry of magnetic field

SOURCE: Pribery\*i tekhnika eksperimenta, no. 4, 1963, 19-21

TOPIC TAGS: beam extraction, proton synchrotron

ABSTRACT: A description is presented of a beam extraction system that generates the first harmonic of azimuthal asymmetry of magnetic field; the system is used in the proton synchrotron at the United Nuclear Research Institute. The disturbing field is built, at the end of the acceleration cycle, by special windings on all four sectors of the ring magnet. The current pulse in the winding is taken from a bank of capacitors which discharges at an appropriate moment of the acceleration cycle. The entire beam, or a part thereof, can be extracted in

Card 1/2

L 15703-63

ACCESSION NR: AP3004880

10-40 microsec. The beam hits the target during the rising part of the current pulse, the maximum pulse-current value not exceeding 200 amp. General possibilities of using this method in proton synchrotrons are indicated. "The authors are using this opportunity to express their deep gratitude to L. P. Zinoviyev and L. N. Belyayev for useful discussions, to Ye. V. Zhil'tsov and M. I. Nikitayev for their help in carrying out the experiments on the proton synchrotron, and to A. I. Kryukov who took part in building and aligning the equipment." Orig. art. has: 5 figures and 1 formula.

ASSOCIATION: Ob"yedinennyy institut yadernykh issledovaniy (United Nuclear Research Institute)

SUBMITTED: 29Aug62

DATE ACQ: 28Aug63

ENCL: 00

SUB CODE: NS

NO REF SOV: 003

OTHER: 004

Card 2/2

KOSENKO, P.Ye., kand.tekhn.nauk; SARANDACHEV, V.I., inzh.; YALOVY,  
N.I., inzh.

Protection of water-cooled heating furnace elements by  
metallized chromium-nickel coatings. Stal' 23 no. 3:257  
Mr '64. (MIRA 17:5)

1. Dneprodzerzhinskiy metallurgicheskiy zavod-vtuz im. M.I.  
Arsenicheva.

RESHETNYAK, I.S.; YALOVY, N.I.

Periodic heating of cylindrically shaped solids. Izv. vys. ucheb.  
zav.;chern. met. 8 no.1&143-147 '65 (MIRA 18:1)

1. Dneprodzerzhinskiy zavod-vtuz.

YALOVY, N.S., inzh.

Some results of the scavenging of the intake nozzles of condensate  
and boosting pumps of ships. Izv. vys. ucheb. zav.; energ. 8 no.6:  
87-92 Je '65. (MIRA 18:7)

1. Leningradskiy korablestroitel'nyy institut. Predstavlena kafedroy  
sudovyykh vspomogatel'nykh mekhanizmov.

YALOVY, Yu.O., aspirant

Effect of passenger trains on the freight traffic on double track  
lines. Vest.TSNII MPS 20 no.8:48-51 '61. (MIRA 15:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo  
transporta Ministerstva putey soobshcheniya.  
(Railroads--Traffic)

YALOVY, Yu.G.; VOROB'YEV, N.A., kand.tekhn.nauk, retsenzent; MEL'NIK, A.L.,  
kand.tekhn.nauk, retsenzent; PETROVA, V.L., inzh., red.;  
KHITROVA, N.A., tekhn.red.

[Distribution of passing points on double-track lines with an  
automatic block signal system] Razmeshchenie obgonnykh punktov na  
dvukhputnykh liniakh s avtoblokirovkoi. Moskva, Transzheldorizdat,  
1963. 72 p. (Moscow. Vsesoluznyi nauchno-issledovatel'skii  
institut zheleznodorozhnogo transporta. Trudy, no.259).

(MIRA 16:8)

(Railroad engineering) (Railroads—Signaling—Block system)

YALOVA, V.G.

18.3100

TT122  
SOV/149-60-1-11/27

AUTHORS: Sushkov, K. V., Burda, V. T., Ganchenko, V. M., Melman, V. G., Putilin, Yu. M., Sashin, Yu. G., Chirkova, N. P., YALOVA, V. G.

TITLE: Experimental Electrosmelting of Lead Concentrates With Soda Under Semi-Industrial Conditions

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Tsvetnaya metallurgiya, 1960, Nr 1, pp 84-90 (USSR)

ABSTRACT: This article describes the application of an experimental method of lead smelting with soda under semi-industrial conditions developed by K. V. Sushkov, Cand. of Techn. Sciences, (Collection of Scientific Works, KazGMI, Nos 10, 12, 16, 1955). Tests were carried out by the experimental shop and lead plant (svintotsvy zavod) of Leninogorsk Combine (Leninogorskiy Kombinat) and by Kazakh Mining and Metallurgical Institute (Kazakhskiy gornometallurgicheskiy institut). Smelting was done in a single-phase electrical furnace with a 0.8 m<sup>2</sup> bottom area, 250 kw transformer

Card 1/9

ASSOCIATION: Kazakh Mining and Metallurgical Institute. Chair of General Metallurgy and Metallurgical Furnaces

Card 8/9

(Kazakhskiy gornometallurgicheskiy institut. Kafedra obshchey metallurgii i metallurgicheskikh pechey)

SUBMITTED: June 8, 1959

ARANZON, V.A., kand.tekhn.nauk; MAKUSHIN, G.V., inzh.; YALPACHIK, G.S.,  
inzh.

Adjustment and testing of driving belt tension. Vest.mashinostr.  
42 no.7:31-34 J1 '62. (MIRA 15:8)  
(Belts and belting)

YALPACHIK, G.S.

Ways to determine the initial tension in transmission belts. Nauch.  
i rez. 24 no.7:18-23 JI '65. (MIRA 18:8)

1. Melitopol'skiy institut mekhanizatsii sel'skogo khozyaystva.

YALTANSKIY, V.

Standard designs of fire-engine buildings for cities, worker  
settlements and industrial enterprises. Pozh.delo 3 no.3:4-6  
Mr '57. (MLRA 10:4)

(Fire departments)  
(Architecture--Designs and plans)

YALTSEV, V. S.

6

Sodium fluoroaluminates. V. S. Yaltsev, J. Gen. Chem. (U. S. S. R.) 7, 2439-41 (1947).—Partial neutralization of a soln. of 1 mol.  $Al(OH)_3$  in 3 mol.  $H_2F_4$  by means of  $Na_2CO_3$  at 70-80°, results in the formation of  $Na_2AlF_6 \cdot H_2O$ . Neutralization of a 7% aq. soln. of  $AlF_3$  with  $Na_2CO_3$  at 23°, results in the formation of  $Na_2AlF_6$ . In a similar reaction for the prepn. of artificial cryolite, where the assumed formula is  $Na_2AlF_6$ , the actual ratio  $Na:F:AlF_3$  is found to vary between 2.4-2.8. These facts lead to the conclusion that artificial cryolite is a product of reaction between  $NaF$  and  $NaAlF_4$ . The  $NaAlF_4$  first seps. out from soln. and then reacts with varying amts. of  $NaF$ . The existence of a hydrate  $Na_2AlF_6 \cdot 7H_2O$ , reported in the literature, could not be confirmed.

S. L. Madorsky

430-11A METALLURGICAL LITERATURE CLASSIFICATION

YALTSEV, A. F., Engineer

Cand. Tech. Scil

Dissertation: "Experimental Theoretical Investigation of the Operation

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001962020014-6

28 Jun. 49

Moscow Order of the Labor Red Banner Electromechanical  
Inst. of Railroad Engineers

imeni F. E. Dzerzhinskiy

SO Vecheryaya Moskva  
Sum 71

YAL'TSEV M.

SHATALOV, P., bukhgalter; SHELYAKINA, Ye.; BARABASH, M.; TARAN, G.;  
KARNAUKHOV, V.; KAZAKIN, V.; YAL'TSEV, M.

Wages based on finished production. Sots.trud no. 8:115-123 Ag '57.  
(MLRA 10:9)

1. Rukovoditel' normativno-issledovatel'skoy gruppy "Ukrglavmyaso" pri Kiyevskom myasokombinate (for Snelyakina). 2. Stariy inzhener normativno-issledovatel'skoy gruppy "Ukrglavmyaso" pri Kiyevskom myasokombinate (for Barabash). 3. Starshiy inzhener normativno-issledovatel'skoy gruppy "Ukrglavmyaso" pri Kiyevskom myasokombinate (for Taran). 4. Nachal'nik otdela truda i zarabotnoy platy Uralo-Kaspiyskogo rybopromyshlennogo tresta, g. Gur'yev Kazakhskoy SSR (for Karnaukov). 5. Nachal'nik otdela truda i zarabotnoy platy Glavmosstroya (for Kazakin). 6. Inzhener otdela truda i zarabotnoy platy Glavmosstroya (for Yal'tsev).  
(Piecework)

YAL'TSEV, P.D.

DECEASED

Medicine

See ILC

YAL'TSEV, P.D., otv.red.; DMOKHOVSKIY, V.V., red.

[Theory and practice of fluoroscopy; a manual for physicians]  
Teoriia i praktika flinorografii; rukovodstvo dlia vrachei.  
Moskva, Medgiz, 1953. 366 p. (MIRA 13:7)  
(DIAGNOSIS, FLUOROSCOPIC)

LEVITSKIY, B.M.; RUSAKOV, A.A.; YUDIN, V.M.; YAL'TSEV, V.N.

Equipment for X-ray diffraction microscopy. Met. i metalloved.  
chist. met. no.3:277-283 '61. (MIRA 15:6)  
(X rays--Equipment and supplies) (Metallography)

S/058/62/000/008/069/134  
A061/A101

AUTHORS: Levitskiy, B. M., Rusakov, A. A., Yudin, V. M., Yal'tsev, V. N.

TITLE: Device for diffraction microroentgenography

PERIODICAL: Referativnyy zhurnal, Fizika, no. 8, 1962, 4, abstract 8E33  
(In collection: "Metallurgiya i metalloved. chist. metallov",  
no. 3, Moscow, Gosatomizdat, 1961, 277 - 283)

TEXT: Described are two universal chambers for diffraction microroentgenography, whereby substructural characteristics of individual metal grains can be obtained. A ДМРК-2 (DMRK-2) chamber is intended for the study of single crystals and polycrystals in the continuous spectrum, in characteristic or monochromatic X-radiation. The special holder design permits the precise reproduction of exposure conditions after a specimen has been replaced. The specimen is able to rotate about an axis coinciding with the monochromator rotation axis. The absolute turning angles are read with an accuracy of  $\sim 3'$ , and the relative ones with  $\sim 6''$ . The DMRK-3 chamber provides for the possibility of obtaining an X-ray beam with little divergence in one plane using a fine-focused tube, ✓

Card 1/2

Device for diffraction microroentgenography

S/058/62/000/008/069/134  
A061/A101

and also the possibility of mounting a monochromator. The holder, which can be shifted in a horizontal plane in two mutually perpendicular directions, is able to rotate about an axis perpendicular to the primary beam. The absolute turning angles are determined with an accuracy of  $\sim 3'$ , and the relative ones with  $\sim 8''$ . ✓

Ye. Dukhovskaya

[Abstracter's note: Complete translation]

Card 2/2

YAL'TSEVA, L. S.

33572. K Voprosu Renttenod Iagnostike Rybrykh I Myasnykh Kostey V Pishchevode. Trudy  
Kurskogo Gos. Med. In-ta, T. 11, Vyp. 2, 1948, c. 119-25

SO: Letopis'nykh Statey, Vol. 45, Moskva, 1949

S/138/61/000/002/005/008  
A051/A129

11.2320 also 2915  
AUTHORS: Grinberg, A.Ye.; Tsvetkov, A.I.; Yal'tseva, Ye.P.; Makeyeva, A.R.;  
Peschanskaya R.Ya.; Prashchikina, N.P.; Prashchikina, A.S.; Kryu-  
kova, A.B.

TITLE: Furfurhydramide and its vulcanization activity

PERIODICAL: Kauchuk i rezina, no. 2, 1961, 25 - 29

TEXT: The Soviet rubber industry uses diphenylguanidine as a nitrogen-con-  
taining accelerator with a basic nature. Its production is based on toxic and  
inflammable materials (aniline, carbon sulfide, lead silicagels and isopropyl al-  
cohol). An attempt was made to find a cheaper nitrogen-containing organic base.  
Furfurhydramide was tested in combination with sulfur accelerators as an acceler-  
ator of vulcanization. A method for producing the furfurhydramide from cheap and  
accessible raw material was developed. It is an nitrogen-containing organic base  
which can be used as a vulcanization accelerator in combination with altax, captax  
or thiuram. In mixtures based on natural rubber and a series of synthetic rubbers  
containing diphenylguanidine in combination with altax or captax, furfurhydramide  
can be used instead of diphenylguanidine. It increases the durability of the

Card 1/5

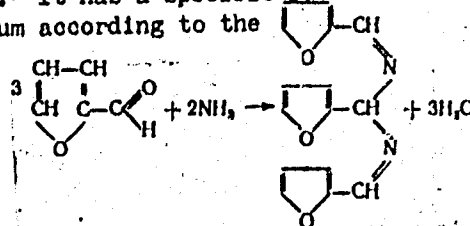
20809

S/138/61/000/002/005/008

A051/A129

# Furfurhydramide and its vulcanization activity

vulcanizates in repeated deformations. When it is used in combination with captax, altax or thiuram in mixtures based on natural and a number of synthetic rubbers, the rate of vulcanization does not change and vulcanizates are obtained with satisfactory technical properties. Its use extends the assortment of vulcanization accelerators and decreases the consumption of captax, altax, diphenylguanidine and thiuram. Its physical and chemical characteristics are: finely crystalline powder of straw-yellow color with  $d_4^{20}$  1.15 - 1.16, melting point when crystallized from ethyl ether 117 - 118°C. It is easily soluble in methyl, ethyl and isopropyl alcohol, acetone, ether, benzene, but is insoluble in water. The molecular heat of combustion at P = const. is 1,828.15 cal, at V = const. it is 1,827.87 cal. Acids decompose it to furfurole and ammonium, when boiled in diluted alkali it is converted to the isomer base furfurin. It absorbs ultraviolet rays, whereby its color changes to a dark brown. It has a specific furfurole odor. It is produced from furfurole and ammonium according to the equation:



Card 2/5

20809

S/138/61/000/002/005/008

A051/A129

Furfurhydramide and its vulcanization activity

Commercial furfurhydramide melts at 110 - 115°C. Its nitrogen content is 10.41% calculated and 10.20 - 10.30% found. Obtained data showed that when natural rubber is heated in the presence of furfurhydramide and sulfur, there is a significant decrease of the plasticity, whereas the plasticity of natural rubber containing only sulfur or furfurhydramide hardly changes at all when heated under the same conditions. It is concluded that furfurhydramide strengthens the structuralizing effect of sulfur. It does not affect the inclination of the mixtures to scorching. There are 3 tables, 4 figures and 8 references: 2 Soviet, 4 English and 2 German.

ASSOCIATION: Nauchno-issledovatel'skiy institut resinovych i lateksnykh izdeliy  
(Scientific Research Institute of Rubber and Latex Articles)

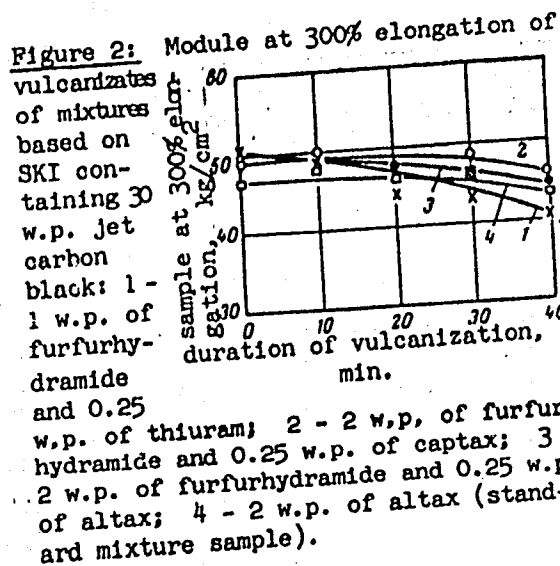
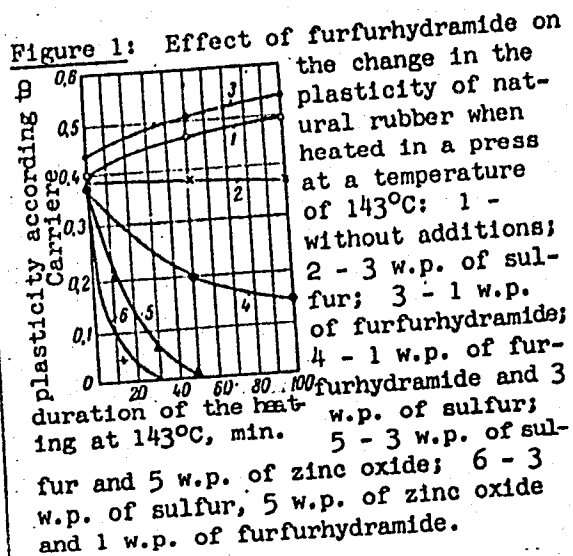
Card 3/5

20809

S/138/61/000/002/005/008

A051/A129

# Furfurhydramide and its vulcanization activity



Card 4/5

20809

9/138/61/000/002/005/008

A051/A129

Furfurhydramide and its vulcanization activity

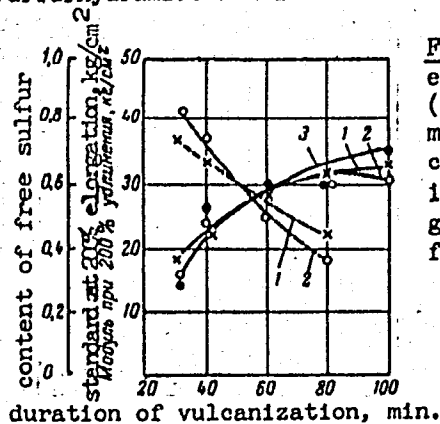


Figure 3: Relationship of the module at 200% elongation (—) and the content of free sulfur (----) to the duration of vulcanization of the mixtures based on SKS-30 ARM containing gaseous channel carbon black: 1 - 2 w.p. of furfurhydramide and 0.5 w.p. of altax; 2 - 0.3 w.p. diphenylguanidine and 1.5 w.p. of altax; 3 - 0.6 w.p. of furfurhydramide and 1.5 w.p. of altax.

Card 5/5

YAL'TSOV, A.V.; GINZBURG, I.M.

Derivatives of imidazole. Part 34. Zhur. ob. khim. 34 no.5:  
1624-1633 My '64. (MIRA 17:7)

MAYOROV, Fedor Vasil'yevich; RAGOZIN, Yu.D., kandidat tekhnicheskikh nauk, dotsent, redaktor; YALTUNOVSKAYA, M.V., redaktor; TUMARKINA, N.A., tekhnicheskii redaktor

[Electronic regulators] Elektronnye regulatory. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 492 p. (MLRA 9:7)  
(Electronic control)

TSAREV, Boris Mikhaylovich; YALOVNOVSEAYA, M.V., redaktor; AKHLEMOV,  
S.N., tekhnicheskii redaktor.

[Contact differential potentials and their effect on the  
operation of vacuum-tube devices] Kontaktnaia raznosnaya potentsialov  
i ee vliianie na rabotu elektrovakuumnykh priborov. Izd-vo 2-ye  
perer. i dop. Moskva, Gos izd-vo tekhniko-teoret. lit-ry, 1955.  
280 p. (MLRA 8:12)  
(Electron tubes)

YALTUNOVSKAYA-BRUSHLINSKIYA

BOGOLYUBOV, Nikolay Nikolayevich; MITROPOL'SKIY, Yuriy Aleksyeyevich;  
YALTUNOVSKAYA-BRUSHLINSKAYA, M.V., redaktor; GAVRILOV, S.S.,  
tekhnicheskiy redaktor

[Asymptotic methods in the theory of nonlinear vibration]  
Asymptoticheskie metody v teorii nelineynykh kolebaniy. Moskva,  
Gos.izd-vo tekhniko-teoret. lit-ry, 1955. 447 p.(MLRA 8:10)  
(Vibration)

YALVISTE, Kh.I., Cand Med Sci—(diss) "On ~~the~~ changes in <sup>blood</sup> serum <sup>protein</sup> albumins  
of a pregnant woman in connection with ~~the~~ diet, particularly in the toxico-  
sis of pregnancy. (Clinico-laboratory study)." Tartu, 1958. 30 pp  
(Tartu State U), 180 copies (KJ, 26-58, 118)

-178-

S/137/62/000/005/149/150  
A052/A101

AUTHORS: Kalinin, Yu. S., Kondrashova, G. P., Mironov, D. Ye., Yalymov, G. I.

TITLE: On the problem of the spectral method of quantitative determination of H in Ti

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 5, 1962, 6-7, abstract 5K41 ("tr. po khimii i khim. tekhnol.", Gor'kiy, no. 3, 1961, 472-475)

TEXT: Optimum conditions for determining H in Ti with an allowance for the "foreign" H contained in the air were established. To plot graduation diagrams, the blackening of the  $H\alpha$  6562.8 Å line was used. The width of the slit was selected 60  $\mu$ , and the inductance was 36  $\mu$ hy; the possibility of applying the background as an internal standard for plotting graduation diagrams was established. To increase the accuracy of the analysis it is desirable to reduce the amount of the "foreign" H, that is, to work with a smaller gap between the electrodes. The air humidity has practically no influence on the "foreign" H concentration. ✓

L. Vorob'yeva'

[Abstracter's note: Complete translation]

Card 1/1

YALYMOV, N.; MARENKOV, N.

Where and how to train automobile drivers? Avt.transp. 39 no.12:  
52-53 D '61. (MIRA 15:1)

1. Zamestitel' direktora Dushanbinskogo proftekhuchilishcha No.26  
(for Yalymov). 2. Starshiy gosavtoinspektor Gosudarstvennoy  
avtomobil'noy inspektsii (for Marenkov).  
(Automobile drivers)

YALIMOV N.G.

SOV-127-58-10-2/29

AUTHORS: Brezgulevskiy, I.V. and Yalymov, N.G., Mining Engineers and  
Ivankov, L.I., Engineer-Geologist

TITLE: On the Mining of the Dzhezkazgan Deposits Without Leaving  
a Protective Ore Crust (O razrabotke Dzhezkazganskogo  
mestorozhdeniya bez ostavleniya rudnoy korki)

PERIODICAL: Gornyy zhurnal, 1958, Nr 10, pp 8-11 (USSR)

ABSTRACT: Experimental works conducted jointly by the Unipromed' and  
the Administration of the Dzhezkazgan Mines showed that the  
introduction of a compulsory caving-in system gave much bet-  
ter results than those achieved by the old room-pillar system.  
According to the old system it was considered necessary to  
leave a protective ore crust, 1 or 2 m thick, in places where  
red sandstone directly overlies the ore body. This crust  
was not extracted, so that the losses in ore left in such  
crusts represented 50% of general ore losses. It was calcu-  
lated that over 1,000,000 tons were lost in this way. More-  
over, 1.5-3 m thick layers were not exploited at all. These  
experiments also showed that the protective ore crust did not  
improve the safety of mining operations. When the red sand-  
stone was exposed, its first layer fell, but the next layer  
held fast and the whole massif remained solid for 6-7 months.

Card 1/2

On the Mining of the Dzhezkazgan  
Ore Crust

SOV-127-58-10-2/29  
Deposits Without Leaving a Protective

Thus ore layers 1.5 to 6.5 m thick could be exploited without leaving the ore crust if the ceiling was regularly inspected after each shift. The reinforcement of such ceilings by beams 2.5 m long at 1 m interval permitted exploitation of ore layers of any importance with the least loss of ore. There are 5 diagrams, 1 photo and 1 table.

ASSOCIATION: Unipromed'. Shakhta Nr 45 Dzhezkazganskogo rudoupravleniya (Mine Nr 45 of the Dzhezkazgan Mining Administration)

1. Mining industry--USSR 2. Ores--Production 3. Mining engineering  
--USSR 4. Underground structures--Design

Card 2/2

YAKOVLEV, M.A.; YALYMOV, N.G.

Analysis of basic production processes in the layer caving  
system at the Aktyuz Mine. Izv.AN Kir SSR.Ser.est.tekh.nauk  
2 no.2:33-53 '60. (MIRA 14:10)  
(Aktyuz region--Mining engineering)

SHUPIKOV, V.A.; SHESTAKOV, V.A.; YALIMOV, N.G.; YAKOVLEV, M.A.

Shrinkage stoping system at the Aktyuz Mine and its efficiency.  
Izv. AN Kir. SSR. Ser. est. 1 tekhn. nauk 2 no.8:5-12 '60.

(MIRA 13:12)

(Aktyuz region—Stoping (Mining))

SHESTAKOV, V.A.; YALYMOV, N.G.; YAKOVLEV, M.A.; SHABANOVA, A.M.

Technical and economic evaluation of mining systems in  
Kirghizia mines. Izv. AN Kir. SSR. Ser. est. i tekhn. nauk  
3 no.3:5-23 '61. (MIRA 15:3)  
(Kirghizistan--Mines and mineral resources)

SHESTAKOV, V.A.; YALYMOV, N.G.; YAKOVLEV, M.A.

Shrinkage atope mining in Kirghizistan mines and ways to improve  
it. Izv. AN Kir. SSR. Ser. est. i tekhn. nauk 3 no.3:77-94 '61.  
(MIRA 15:3)

(Kirghizistan--Stoping (Mining))

YALYMOV, N.G.

Comparing methods of drawing and loading ore in shrinkage stope  
mining. Izv. AN Kir. SSR. Ser. est. i tekhn. nauk 3 no.3:65-  
75 '61. (MIRA 15:3)

(Stoping (Mining)) (Ore handling)

YALYMOV, N.G.

Selecting the means of breaking in a system with shrinkage  
stopping. Izv. AN Kir. SSR. Ser. est. i tekhn. nauk 5 no.1:  
25-34 '63. (MIRA 16:11)

MUKHJN, M.Ye., otv. red.; SHESTAKOV, V.A., red.; YALYMOV, N.G., red.; KUCHKIN, V.A., red.

[Improving systems of ore mining in unstable rock] So-  
vershenstvovanie sistem razrabotki rudnykh mestorozhde-  
nii v neustoichivyykh porodakh. Frunze, "Ilim," 1965.  
180 p. (MIRA 18:11)

1. Akademiya nauk Kirgizskoy SSR, Frunze. Institut fiziki  
i mekhaniki gornyykh porod.

MUKHIN, Mikhail Yegorovich; SHESTAKOV, Viktor Aleksandrovich;  
YALIMOV, Nariman Galimovich; MOSINETS, V.N., otv. red.

[Underground mining systems in Kirghizia] Sistemy pod-  
zemnoi razrabotki na rudnikakh Kirgizii. Frunze, Izd-  
vo "Ilim," 1965. 105 p. (MIRA 18:6)

SIDOROV, N.; STUDNICHKA, Yu.; ARTEM'YEV, P.; YALMOV, P.; BOYKO, N.;  
SEKUNOV, S.; TSYPIN, M.

Effectiveness of the centralization the accounting and tabulating  
machines. Dan.1 kred. 17 no.5:53-59 My '59. (MIRA 12:10)

1. Nachal'nik Gorupravleniya Chernigovskoy oblastnoy kontory Gosbanka (for Sidorov).
  2. Glavnyy bukhgalter Gorupravleniya Chernigovskoy obl. kontory Gosbanka (for Studnichka).
  3. Glavnyy bukhgalter Kamensk-Ural'skogo otdeleniya Gosbanka Sverdlovskoy oblasti (for Artem'yev).
  4. Glavnyy bukhgalter Akmolinskoy oblastnoy kontory Gosbanka (for Yalymov).
  5. Glavnyy bukhgalter Arzhamasskogo otdeleniya Gosbanka Gor'kovskoy oblasti (for Boyko).
  6. Glavnyy bukhgalter Georgiyevskogo otdeleniya Gosbanka Stavropol'skogo kraya (for Sekunov).
  7. Glavnyy bukhgalter Samarkandskoy oblastnoy kontory Gosbanka (for TSypin).
- (Machine accounting)

19

CA

YB-1102/A, 11-B

PROCESSING AND PROPERTIES

methods of dispersion of clay in mechanical analysis.  
 1. E. Dudavskii and M. A. Valimova. *J. Applied Chem.*  
 (U. S. S. R.) 11, 785 (1938) (German 785-800) (1938).—  
 Peptization of clay with  $\text{NH}_4\text{OH}$  in connection with various  
 mech. methods of dispersion leads to errors of the order of  
 10% in analysis. The dispersion should be carried out in  
 boiling solns. of Li or Na salts of weak acids. The amt. of  
 salts used should be equal to 4 milliequivalents per 10 g. of  
 clay.  $\text{Na}_2\text{C}_2\text{O}_4$ ,  $\text{Li}_2\text{C}_2\text{O}_4$ ,  $\text{Na}_2\text{CO}_3$ ,  $\text{Li}_2\text{CO}_3$ ,  $\text{Na}_2\text{HPO}_4$ , and  
 $\text{Na}_2\text{P}_2\text{O}_7$  are very effective. Exptl. results showed that  
 these salts acted equally well, but  $\text{Na}_2\text{C}_2\text{O}_4$  was cheapest.  
 New theoretical consideration of the dispersion method is  
 given. Eighteen references. A. A. Polgorny

ASS-SLA METALLURGICAL LITERATURE CLASSIFICATION

FROM SYMBOL

SECTION

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FROM SYMBOL

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YALYMO IN. 11-5.

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**Making dense kaolin refractories at low firing temperatures.**  
G. V. KUKOL'EV AND M. A. VALYUYA. *Ognesoproy.* 14 [11] 457  
190 (1949).—The work was based on the use of  $MgCl_2$  to accelerate  
the sintering of kaolin. A study of the physicochemical charac-  
teristics of the sintering process and an analysis of the phase  
diagram show that the acceleration is caused by the action of the  
 $MgCl_2$  on the ability of the solid phase to sinter. The  $MgCl_2$   
should be added in amounts of 1.8 to 2% to the kaolin during the  
making of the briquettes which are to be fired for grog. For suf-  
ficiently dispersed kaolin, the method (plastic or semidry) of  
making briquettes has no effect upon the quality of the grog. In  
the case of coarsely dispersed kaolin, the plastic method should be  
used. The efflorescence of  $MgCl_2$  during the gradual drying of  
plastic briquettes produces only a small difference in the sintering  
of different parts of the briquette and causes no defect in the ex-  
ternal appearance of the shapes. Kaolin briquettes having an  
 $MgCl_2$  admixture should be fired at temperatures up to  $1300^\circ$  to  
 $1350^\circ C.$  (2 to 6 hr.) instead of  $1470^\circ$  to  $1500^\circ$  without admix-  
ture. To obtain the most dense shapes, the mix should consist of  
80% kaolin grog and 20% clay. Shapes should be fired at tem-  
peratures up to  $1350^\circ$  to have a porosity of 15 to 17%; this com-  
pares with  $1480^\circ$  to  $1500^\circ$  and 20% porosity without the admix-  
ture of  $MgCl_2$ . The admixture lowered the refractoriness by  $30^\circ$   
but not the temperature of deformation under load (both starting  
and complete destruction); data on reheat shrinkage at  $1400^\circ$   
and  $1600^\circ$  also show an improvement. Compressive strength was  
as high as 400 kg./cm.<sup>2</sup> Even the most dense brick withstood 20  
heat-shock cycles ( $800^\circ$ ) followed by water cooling). Results are  
tabulated and graphed.  
B.Z.K.

B.Z.K.

A 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041

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MAKING DENSE KAOLIN REFRACTORIES AT LOW FIRING TEMPERATURESG. V. Kukoley and M.A. Yalyzova. Ogneupory, 14 (11) 487 - 99 (1949).---

The work was based on the use of  $MgCl_2$  to accelerate the sintering of kaolin. A study of the physicochemical characteristics of the sintering process and an analysis of the phase diagram show that the acceleration is caused by the action of the  $MgCl_2$  on the ability of the solid phase to sinter. The  $MgCl_2$  should be added in amounts of 1.3 to 2% to the kaolin during the making of the briquettes which are to be fired for grog. For sufficiently dispersed kaolin, the method (plastic or semidry) of making briquettes has no effect upon the quality of the grog. In the case of coarsely dispersed kaolin, the plastic method should be used. The efflorescence of  $MgCl_2$  during the gradual drying of plastic briquettes produces only a small difference in the sintering of different parts of the briquette and causes no defect in the external appearance of the shapes. Kaolin briquettes having an  $MgCl_2$  admixture should be fired at temperatures up to  $1300^\circ$  to  $1350^\circ C$ . (2 to 6 hr.) instead of  $1470^\circ$  to  $1500^\circ$  without admixture. To obtain the most dense shapes, the mix should consist of 80% kaolin grog and 20% clay. Shapes should be fired at temperatures up to  $1350^\circ$  to have a porosity of 15 to 17%; this compares with  $1480^\circ$  to  $1500^\circ$  and 20% porosity without the admixture of  $MgCl_2$ . The admixture lowered the refractoriness by  $30^\circ$  but not the temperature of deformation under load (both starting and complete destruction); data on reheat shrinkage at  $1400^\circ$  and  $1600^\circ$  also show an improvement. Compressive strength was as high as 400 kg./cm.<sup>2</sup>. Even the most dense brick withstood 26 heat-shock cycles ( $800^\circ$  followed by water cooling). Results are tabulated and graphed.

B.Z.K.

1950's for 2 hrs.  $MgCl_2$  or  $MgO$  were kept as a comparison

the preliminary dehydrated. X-ray analyses of kaolin feed with and without  $MgCl_2$

YALIMOVA, Ya.I.

Localization of trichinella larvae in the tissues of some animals.  
Med. parazit. i parazitobol. 34 no.4:483-484. Ul'-Ag '65.

(MIRA 1962)

1. Kafedra zoologii Khabarovskogo pedagogicheskogo instituta i  
kafedra biologii i parazitologii Khabarovskogo meditsinskogo  
instituta. Submitted May 23, 1964.

YALYMOVA, YE. I.  
COUNTRY : USSR  
CATEGORY :

ABST. JOUR. : RZBiol., No. 1959, No. 10345

AUTHOR : Sinovich, L. I., Yalymova, Ye. I.  
INST. : Khabarovsk Medical Institute  
TITLE : The Problem of the Helminthic Fauna of Dogs of  
Certain Areas in the Far East

ORIG. PUB. : Tr. Khabarovskogo med. in-ta, 1957, Collection 15,  
269-271

ABSTRACT : Of 53 dogs autopsied in Khabarovsk in 1953  
helminths were found in 39-73%. Dipylidium  
caninum, Mesocestoides lineatus, Taenia  
hydatigena, Metagonimus yokogawai, Toxocara  
canis and others were most common among the 8  
species of helminths recorded. Helminthic  
infestation of dogs in Kamchatka was found to  
amount to diphyllbothriasis and toxotrematosis.

CARD: 1/1